

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 1925 ft. Lat: 36.6686° N Lon: -81.9647° W
Station: **ABINGDON 3S, VA US USC00440021**

Summary of Annual Normals
1991-2020
Generated on 05/07/2021

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Freeze Data									
Spring Freeze Dates (Month/Day)									
Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	05/20	05/14	05/10	05/07	05/04	05/01	04/28	04/23	04/18
32	05/10	05/03	04/28	04/24	04/21	04/18	04/15	04/11	04/05
28	04/23	04/18	04/14	04/10	04/07	04/04	04/01	03/29	03/23
24	04/09	04/04	04/01	03/29	03/26	03/23	03/19	03/15	03/06
20	03/29	03/24	03/19	03/16	03/12	03/08	03/04	02/27	02/18
16	03/21	03/14	03/09	03/04	02/28	02/23	02/17	02/10	02/01
Fall Freeze Dates (Month/Day)									
Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	09/30	10/05	10/07	10/10	10/12	10/14	10/17	10/20	10/25
32	10/08	10/12	10/15	10/17	10/20	10/23	10/26	10/30	11/03
28	10/16	10/21	10/25	10/28	11/01	11/03	11/05	11/08	11/14
24	10/29	11/01	11/05	11/08	11/11	11/14	11/17	11/22	11/29
20	11/07	11/12	11/16	11/20	11/24	11/28	12/01	12/06	12/14
16	11/19	11/26	12/01	12/03	12/07	12/11	12/17	12/24	12/30
Freeze Free Period									
Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	180.0	174.0	169.0	165.0	160.0	157.0	152.0	147.0	140.0
32	203.0	196.0	191.0	187.0	182.0	179.0	175.0	169.0	162.0
28	227.0	220.0	214.0	209.0	205.0	202.0	197.0	192.0	184.0
24	255.0	245.0	240.0	235.0	231.0	226.0	222.0	215.0	208.0
20	285.0	275.0	268.0	262.0	257.0	252.0	245.0	240.0	231.0
16	319.0	307.0	299.0	292.0	285.0	278.0	271.0	263.0	253.0

-9999: Data not available
* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date
blank: missing or insufficient data

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 1466 ft. Lat: 36.8567° N Lon: -82.7997° W
Station: **BIG STONE GAP, VA US USC00440735**

Summary of Annual Normals
1991-2020
Generated on 05/07/2021

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Freeze Data									
Spring Freeze Dates (Month/Day)									
Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	05/17	05/12	05/08	05/05	05/01	04/29	04/25	04/21	04/17
32	05/05	04/30	04/26	04/22	04/20	04/17	04/14	04/10	04/04
28	04/20	04/14	04/10	04/07	04/04	04/02	03/30	03/26	03/20
24	04/06	04/03	03/31	03/27	03/24	03/20	03/16	03/11	03/04
20	03/28	03/22	03/17	03/13	03/08	03/04	03/01	02/25	02/16
16	03/17	03/10	03/04	02/28	02/24	02/17	02/10	02/04	01/29
Fall Freeze Dates (Month/Day)									
Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	10/03	10/07	10/10	10/12	10/15	10/18	10/20	10/23	10/28
32	10/11	10/15	10/18	10/21	10/23	10/26	10/29	11/01	11/04
28	10/18	10/23	10/27	10/30	11/01	11/04	11/07	11/11	11/16
24	10/29	11/02	11/06	11/09	11/12	11/15	11/19	11/23	11/30
20	11/08	11/13	11/17	11/21	11/26	11/30	12/02	12/07	12/16
16	11/19	11/27	12/01	12/04	12/08	12/13	12/20	12/26	01/01
Freeze Free Period									
Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	183.0	178.0	173.0	169.0	166.0	162.0	158.0	153.0	147.0
32	206.0	199.0	194.0	190.0	186.0	182.0	178.0	173.0	166.0
28	231.0	224.0	218.0	214.0	210.0	206.0	201.0	196.0	188.0
24	260.0	249.0	244.0	239.0	234.0	229.0	224.0	219.0	212.0
20	291.0	281.0	274.0	268.0	262.0	256.0	251.0	245.0	237.0
16	326.0	315.0	306.0	300.0	292.0	285.0	277.0	270.0	259.0

-9999: Data not available
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Summary of Annual Normals
1991-2020
Generated on 05/07/2021

Freeze Data									
Spring Freeze Dates (Month/Day)									
Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	05/20	05/15	05/10	05/07	05/03	04/30	04/28	04/24	04/20
32	05/10	05/04	04/30	04/26	04/22	04/20	04/17	04/14	04/09
28	04/26	04/20	04/17	04/13	04/10	04/07	04/04	03/31	03/25
24	04/12	04/06	04/03	03/31	03/28	03/24	03/20	03/16	03/10
20	03/31	03/25	03/20	03/17	03/14	03/09	03/05	02/28	02/22
16	03/20	03/13	03/08	03/03	02/28	02/24	02/19	02/12	02/04
Fall Freeze Dates (Month/Day)									
Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	10/01	10/04	10/07	10/09	10/11	10/13	10/16	10/19	10/23
32	10/08	10/12	10/15	10/17	10/20	10/22	10/25	10/28	11/01
28	10/15	10/20	10/24	10/26	10/29	11/01	11/03	11/06	11/11
24	10/25	10/31	11/02	11/05	11/08	11/11	11/15	11/20	11/25
20	11/05	11/10	11/13	11/16	11/21	11/25	11/29	12/03	12/10
16	11/16	11/23	11/28	12/01	12/04	12/09	12/13	12/20	12/29
Freeze Free Period									
Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	177.0	171.0	166.0	163.0	159.0	155.0	152.0	147.0	140.0
32	197.0	190.0	186.0	182.0	179.0	175.0	170.0	165.0	158.0
28	223.0	215.0	209.0	205.0	201.0	197.0	193.0	187.0	180.0
24	251.0	241.0	235.0	231.0	226.0	222.0	218.0	212.0	205.0
20	283.0	273.0	265.0	260.0	254.0	248.0	243.0	237.0	229.0
16	313.0	302.0	294.0	288.0	282.0	276.0	269.0	262.0	253.0

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1991-2020
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Freeze Data									
Spring Freeze Dates (Month/Day)									
Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	05/23	05/18	05/15	05/11	05/07	05/04	05/01	04/27	04/21
32	05/14	05/07	05/03	04/30	04/25	04/21	04/17	04/13	04/08
28	05/01	04/23	04/19	04/14	04/11	04/07	04/04	04/01	03/26
24	04/15	04/10	04/06	04/03	03/31	03/28	03/25	03/20	03/14
20	04/04	03/30	03/26	03/23	03/20	03/16	03/13	03/08	02/28
16	03/26	03/22	03/17	03/14	03/10	03/05	03/01	02/25	02/15
Fall Freeze Dates (Month/Day)									
Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	09/26	09/30	10/04	10/06	10/08	10/10	10/12	10/15	10/19
32	10/06	10/10	10/13	10/15	10/18	10/20	10/22	10/25	10/29
28	10/13	10/17	10/21	10/25	10/27	10/30	11/01	11/04	11/08
24	10/24	10/30	11/01	11/03	11/06	11/08	11/12	11/16	11/22
20	11/04	11/07	11/11	11/14	11/18	11/22	11/26	12/01	12/08
16	11/10	11/16	11/22	11/26	12/01	12/04	12/09	12/18	12/26
Freeze Free Period									
Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	173.0	167.0	162.0	158.0	154.0	150.0	146.0	142.0	134.0
32	195.0	189.0	183.0	180.0	175.0	170.0	165.0	159.0	152.0
28	219.0	212.0	206.0	202.0	198.0	194.0	187.0	182.0	172.0
24	243.0	235.0	229.0	225.0	220.0	216.0	212.0	207.0	200.0
20	270.0	260.0	254.0	249.0	243.0	239.0	234.0	228.0	220.0
16	297.0	287.0	280.0	273.0	267.0	262.0	256.0	249.0	239.0

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36	05/16	05/11	05/08	05/04	05/02	04/29	04/26	04/22	04/18
32	05/08	05/03	04/28	04/24	04/20	04/16	04/13	04/09	04/04
28	04/24	04/17	04/13	04/09	04/06	04/02	03/31	03/27	03/22
24	04/10	04/05	04/01	03/30	03/26	03/23	03/19	03/14	03/06
20	04/01	03/27	03/23	03/19	03/14	03/09	03/04	02/27	02/19
16	03/23	03/16	03/08	03/03	02/27	02/21	02/14	02/06	01/29
Fall Freeze Dates (Month/Day)									
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32	10/08	10/13	10/16	10/19	10/22	10/25	10/28	11/01	11/03
28	10/17	10/21	10/25	10/29	11/01	11/02	11/04	11/08	11/12
24	10/25	10/31	11/03	11/06	11/09	11/13	11/16	11/20	11/27
20	11/05	11/10	11/14	11/18	11/21	11/26	12/01	12/04	12/14
16	11/17	11/24	11/29	12/03	12/08	12/14	12/22	12/30	01/07
Freeze Free Period									
Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	184.0	178.0	172.0	168.0	165.0	161.0	156.0	151.0	145.0
32	206.0	199.0	194.0	189.0	185.0	180.0	175.0	169.0	162.0
28	229.0	222.0	216.0	211.0	207.0	203.0	199.0	192.0	184.0
24	253.0	245.0	238.0	234.0	229.0	225.0	220.0	213.0	206.0
20	287.0	275.0	268.0	261.0	255.0	249.0	244.0	238.0	230.0
16	320.0	308.0	300.0	291.0	285.0	279.0	272.0	264.0	255.0

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* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date
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